

Patent claims

- 1 1. Method for monitoring a driver output, comprising the steps of:
2 providing for actively influencing the driver output in order to perform fault analysis,
3 and
4 influencing the driver output actively only if a fault state has occurred at the driver
5 output for a specified period of time.
- 1 2. Method according to Claim 1, wherein the driver output is checked cyclically
2 for the occurrence of a fault state.
- 1 3. Method according to Claim 2, wherein the specified period of time is
2 considered to have elapsed if the fault state has occurred at the driver output for a
3 prespecified number of consecutive cycles.
- 1 4. Method according to Claim 3, wherein it is possible to configure the
2 prespecified number of consecutive cycles.
- 1 5. Method according to Claim 1, wherein the fault state at the driver output is
2 represented by a binary value.
- 1 6. Method according to Claim 5, wherein the binary value representing the fault
2 state at the binary output is stored.
- 1 7. Method according to Claim 1, wherein the active influencing of the driver
2 output comprises application of a series of test pulses to the driver input and/or the
3 driver output.

- 1 8. Method for monitoring a driver output, comprising the step of influencing the
2 driver output actively only if a fault state has occurred at the driver output for a
3 specified period of time.
- 1 9. Method according to Claim 8, wherein the driver output is checked cyclically
2 for the occurrence of a fault state.
- 1 10. Method according to Claim 9, wherein the specified period of time is
2 considered to have elapsed if the fault state has occurred at the driver output for a
3 prespecified number of consecutive cycles.
- 1 12. Method according to Claim 10, wherein it is possible to configure the
2 prespecified number of consecutive cycles.
- 1 13. Method according to Claim 8, wherein the fault state at the driver output is
2 represented by a binary value.
- 1 14. Method according to Claim 13, wherein the binary value representing the fault
2 state at the binary output is stored.
- 1 15. Method according to Claim 8, wherein the active influencing of the driver
2 output comprises application of a series of test pulses to the driver input and/or the
3 driver output.

- 1 16. Method for monitoring a driver output, comprising the steps of:
2 - performing a fault analysis of the driver;
3 - determining whether an error occurred;
4 - influencing the driver output actively only if an error has occurred at the driver
5 output for a specified period of time.
- 1 17. Method according to Claim 16, wherein the driver output is checked cyclically
2 for the occurrence of a error.
- 1 18. Method according to Claim 17, wherein the specified period of time is
2 considered to have elapsed if the error has occurred at the driver output for a
3 prespecified number of consecutive cycles.
- 1 19. Method according to Claim 18, wherein it is possible to configure the
2 prespecified number of consecutive cycles.
- 1 20. Method according to Claim 16, wherein the error at the driver output is
2 represented by a binary value.
- 1 21. Method according to Claim 20, wherein the binary value representing the error
2 at the binary output is stored.
- 1 22. Method according to Claim 16, wherein the active influencing of the driver
2 output comprises application of a series of test pulses to the driver input and/or the
3 driver output.